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Application Number	PCT/IB2004/004234
Filing Date	20 December 2004
First Named Inventor	Zhiyong LUO
Title	CRF RECEPTOR ANTAGONISTS AND METHODS RELATING THERETO
Art Unit	
Examiner Name	
Attorney Docket Number	PB60642

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☐ Applicant/Inventor:		
Assignee or record of the entire interest. See 37 (CFR 3.71.	
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)		
SIGNATURE of Applicant or Assignee of Record		
Signature:	Date: 4/1/07	
	Telephone: 858-617-7600	
Title and Company: Executive Vice President and General	l Counsel	Neurocrine Biosciences, Inc.
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required.		
Submit multiple forms if more than one signature is required, see below*.		
□ *Total of: forms are submitted.		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CRF 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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STATEMENT LINDED 27 CDE 2 72(b)		
STATEMENT UNDER 37 CRF 3.73(b) Applicant/Patent Owner: SB Pharmco Puerto Rico Inc and Neurocrine Biosciences Inc		
International Application No./Patent No.:PCT/IB2004/004234		
20 December 2004	Filed/Issue Date:	
Entitled: <u>CRF RECEPTOR ANTAGONISTS AND METHODS RELATING THE</u>	DETA	
Elitated. Clar RECEITOR ANTAGONISTS AND METHODS RELATING THE	<u>KE 10</u>	
SB Pharmco Puerto Rico Inc and Neurocrine Biosciences, Inc., a corporation, states the	hat it is:	
1. ☐ the assignee of the entire right, title, and interest; or		
2. E an assignee of less than the entire right, title and interest.		
The extent (by percentage) of its ownership interest is _50_% in the patent applicati	on/patent identified above	
by virtue of either;	1	
A. [] An assignment from the inventor(s) of the patent application/patent identified	above. The assignment was	
recorded in the United States Patent and Trademark Office at Reel		
copy thereof is attached.	, <u></u> ,	
OR		
B. [] A chain of title from the inventor(s), of the patent application/patent identified	above, to the current assignee	
as shown below:		
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[] Additional documents in the chain of title are listed on a supplemental she	et.	
[X] Copies of assignments or other documents in the chain of title are attached.		
NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) mu	ist be submitted to Assignment	
Division in accordance with 37 CRF Part 3, if the assignment is to be recorded in the records of the USPTO.		
See MPEP 302.08]		
The undersigned (whose title is supplied below) is authorized to act on behalf of the assigned	e	
Wh.	2	
Signature 4/1/107	<u>′</u>	
Signature	Date	
	<u> </u>	
Printed or Typed Name Telepl	hone Number	
Executive Vice President and General Counsel		
Title		

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CRF 1.14. This collection is essential to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commission for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

ASSIGNMENT

WHEREAS, we, Zhiyong Luo, having a post office address of 6 Chaparral Road, Nanuet, New York 10954; Deborah Slee, having a post office address of 2258 Montgomery Avenue, Cardiff by the Sea, California 92007; John Tellew, having a post office address of 1340 Caminito Balada, La Jolla, California 92037; John Williams, having a post office address of 11221 Corte Belleza, San Diego, California 92130; and Xiaohu Zhang, having a post office address of 10050 Scripps Vista Way, #22, San Diego, California 92131 (hereinafter referred to as ASSIGNORS), are the listed inventor(s)/applicant(s) of the patent application entitled "CRF RECEPTOR ANTAGONISTS AND METHODS RELATING THERETO," as described and claimed in the specification for which a PCT international patent application was filed on December 20, 2004 designating the United States of America, and assigned Application No. PCT/IB2004/004234, which international application claims the benefit of U.S. provisional patent application Serial No. 60/532,031 filed on December 22, 2003.

WHEREAS, Neurocrine Biosciences, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 12790 El Camino Real, San Diego, California 92130, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any foreign authority, whose duty is to issue patents, to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

7.1)/-/	PB00042/US
4/24/07	Showfler	
Date	Zhiyong Luo	
STATE OF CALIFORNIA) NEW YOR		
) ss. COUNTY OF SAN DIEGO) Westches	ster .	
On 24th April 2007, before Public, personally appeared Zhiyong Luo, name is subscribed to the within instrume same in his authorized capacity, and that be entity upon behalf of which the person acte	me, Algis Anilionis, personally known to me to be the ent and acknowledged to me that he y his signature on the instrument the	executed the
WITNESS my hand and official seal.	Aigie Anilionie Notary Public, State of Ner No. 02AN6102326 Qualified in Suffolk County	
Algis Amtionis Notary Public	Qualified in Suffolk County My commission expires ! 2	<u>{o</u> (o)
Date	Deborah Slee	
STATE OF CALIFORNIA)		
) ss. COUNTY OF SAN DIEGO)		
On, before Public, personally appeared Deborah Slee, name is subscribed to the within instrumer same in her authorized capacity, and that by entity upon behalf of which the person acted	, personally known to me to be the part and acknowledged to me that she y her signature on the instrument the	executed the
WITNESS my hand and official seal.	(Seal)	
Notary Public	-	
Date	John Tellew	
STATE OF CALIFORNIA)		
) ss. COUNTY OF SAN DIEGO)		
On, before Public, personally appeared John Tellew, name is subscribed to the within instrumer same in her authorized capacity, and that by entity upon behalf of which the person acted	personally known to me to be the personally known to me to be the personal to me that she where signature on the instrument the personal transfer or the personal transfer	executed the
WITNESS my hand and official seal.	(Seal)	
Notary Public	-	

Date	Zhiyong Luo
STATE OF CALIFORNIA)	
COUNTY OF SAN DIEGO)	
name is subscribed to the within instrum	me,, Notary of personally known to me to be the person whose ent and acknowledged to me that he executed the person is signature on the instrument the person, or the ed, executed the instrument.
WITNESS my hand and official seal.	(Seal)
Notary Public	_
Oy 11012007	Deborah Slee
STATE OF CALIFORNIA)	
COUNTY OF SAN DIEGO)	
name is subscribed to the within instrume	me, Angrea Rydracez, Notary, personally known to me to be the person whose ent and acknowledged to me that she executed the y her signature on the instrument the person, or the ed, executed the instrument.
WITNESS my hand and official seal. Manual Podules Notary Public	ANDREA ROOMGUEZ Commission # 1635483 Notary Public - Cattornia San Diago County My Comm. Sepires Jan 6, 2016
4/11/07 Date	John/Tellew
STATE OF CALIFORNIA)	
) ss. COUNTY OF SAN DIEGO)	
On April 1/2007, before Public, personally appeared John Tellew, name is subscribed to the within instrument	me, Andrea Rod QUEZ, Notary personally known to me to be the person whose nt and acknowledged to me that she executed the y her signature on the instrument the person, or the d, executed the instrument.
WITNESS my hand and official seal. Notary Public	ANDREA RODRIGUEZ Commission # 1635453 Notary Public - California San Diego County My Comm. Expires Jan 6, 2010

4/18/2007
Date John Williams
STATE OF CALIFORNIA)
COUNTY OF SAN DIEGO) ss.
On April 18, 2007, before me, Megumi Novak, Notary Public, personally appeared John Williams, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal. (Seal) MEGUM NOVAK Correspond & 1816793 Notary Public
Date XiaohyZhang
STATE OF CALIFORNIA)
) ss. COUNTY OF SAN DIEGO)
On April 11, 2007, before me, April 20 Radriquez, Notary Public, personally appeared Xiaohu Zhang, personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that she executed the same in her authorized capacity, and that by her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.
WITNESS my hand and official seal. ANDREA RODRIGUEZ Commission # 1635453 Notary Public - California San Diego County My Comm. Expires Jan 6, 2010

ASSIGNMENT

WHEREAS, Neurocrine Biosciences, Inc. (hereinafter referred to as ASSIGNOR), a corporation of the State of Delaware having a place of business at 12790 El Camino Real, San Diego, California 92130, owns the entire right, title and interest in and to the patent application entitled "CRF RECEPTOR ANTAGONISTS AND METHODS RELATING THERETO," as described and claimed in the specification for which a PCT international patent application was filed on December 20, 2004 designating the United States of America, and assigned Application No. PCT/IB2004/004234, which international application claims the benefit of U.S. provisional patent application Serial No. 60/532,031 filed on December 22, 2003.

WHEREAS, SB Pharmco Puerto Rico, a company incorporated in the United States of America whose registered address is CSC, The United States Corporation Co., 105 Ponce de Leon Avenue, One Comptroller Plaza, Hato Rey, Puerto Rico 00917, and Neurocrine Biosciences, Inc., a corporation of the State of Delaware having a place of business at 12790 El Camino Real, San Diego, California 92130 (hereinafter referred to as ASSIGNEES), are desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sell, assign and transfer unto said ASSIGNEES the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEES and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEES and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any foreign authority, whose duty is to issue patents, to issue all letters patent on said invention to ASSIGNEES. ASSIGNOR agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

April 11, 2007	Neurocrine Biosciences, Inc.
	Margaret E. Valeur-Jensen Executive Vice President and General Counsel
STATE OF CALIFORNIA)) ss. COUNTY OF SAN DIEGO)	
On Hori 1, 2007, before r Public, personally appeared Margaret E. V person whose name is subscribed to the wit	me, Anglea Rodriguez, Notary aleur-Jensen, personally known to me to be the thin instrument and acknowledged to me that she y, and that by her signature on the instrument the e person acted, executed the instrument.
WITNESS my hand and official seal.	(Seal)
Mulling Posterior Public	ANDREA RODRIGUEZ Commission # 1635453 Notary Public - California San Diego County My Comm. Expires Jan 6, 2010